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| APPLICATION NO. | FILING DATE | FIRST NAMED INVENTOR | ATTORNEY DOCKET NO. | CONFIRMATION NO. |
|-----------------|-------------|----------------------|---------------------|------------------|
| 09/763,246 | 02/20/2001 | Kenping Xie | A34032 PCTUS | 5262 |

21003 7590 02/22/2005

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NEW YORK, NY 10112

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| EXAMINER |
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PHILLIPS, HASSAN A

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| ART UNIT | PAPER NUMBER |
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2151

DATE MAILED: 02/22/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

09/763,246

Applicant(s)

XIE ET AL.

Examiner

Hassan Phillips

Art Unit

2151

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 28 October 2004.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-7 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-7 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some * c) ☐ None of:
1. ☒ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date _____.
- 4) ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____.
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: _____.

DETAILED ACTION

Response to Amendment

1. This action is in response to amendments received on October 28, 2004.

Priority

2. The Examiner has verified and acknowledged the foreign priority filing date being December 4, 1998, and not April 12, 1998. The Applicant's claim for foreign priority, therefore, meets the conditions set forth in 35 USC 119 (a-d), and is correct.

Specification

3. After consideration of the amendments made to the disclosure to include line numbers, the objection to the disclosure has been withdrawn.

Claim Objections

4. After consideration of the amendments made to claim 1 to place the claim in single sentence form the Examiner has withdrawn the objection to the claim.

Claim Rejections - 35 USC § 112

5. After consideration of the amendments made to claim 1 to correct antecedent basis issues, the Examiner has withdrawn the rejection of claim 1 under 35 USC 112, second paragraph.

6. The amendments made to claims 2-5 and 7, however, fail to correct antecedent basis issues. The rejections of claims 2-5, and 7 under 35 USC 112, second paragraph, therefore, stands. The claims have been interpreted as best understood.

Response to Arguments

7. Applicant's arguments with respect to claims 1-7 have been considered but are moot in view of the new ground(s) of rejection.

Claim Rejections - 35 USC § 103

8. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

9. Claims 1-7, are rejected under 35 U.S.C. 103(a) as being unpatentable over Low et al. (hereinafter Low), U.S. Patent 6,243,443, in view of Kelly, U.S. Patent 6,594,254.

10. In considering claim 1, Low teaches a method for assigning addresses to online computers in full digital code, the method comprising using the full digital code

address (FDCA), which comprises an online number, said online number comprising the digital number of an established network site, (col. 11, line 62 through col. 12, line 3); a telephone number of the user's company or home, and a category number, the category number comprising the digital number, (col. 7, lines 42-62).

Although the disclosed method of Low shows substantial features of the claimed invention, it fails to expressly disclose: a number being specified by the country or area.

Nevertheless, in a similar field of endeavor, Kelly discloses a method for translating a domain name into a network protocol address comprising: a telephone number (the domain name) being specified by a country and an area.

Thus, it would have been obvious to a person of ordinary skill in the art to modify the teachings of Low to show the digital number, the telephone number, and the category number being specified by the country or the area. This would have provided an effective and efficient means for assigning addresses to online computers located anywhere in the world, Kelly, col. 9, lines 12-34.

11. In considering claim 2, Low teaches an E-mail box being capable of being accessed, or the Internet being capable of being browsed by inputting to a modem of a computer by dialing up a keyboard of a dial-up telephone or the keyboard of the computer, by linking the corresponding digital code, and by converting it with a dedicated software. See col. 10, lines 38-63.

12. In considering claim 3, Low teaches the FDCA being capable of being interpreted by the dedicated interpreting software into an IP address, or a domain name, or a Chinese domain name hierarchy system, and each FDCA corresponds appropriately to one existing IP address, or domain name, or Chinese domain name hierarchy system. See col. 10, lines 38-50.

13. In considering claim 4, the teachings of Low provide a means for a subcategory number being capable of being directed after the category number by the FDCA. See col. 7, lines 42-62.

14. In considering claim 5, although the disclosed method of Low shows substantial features of the claimed invention, it fails to expressly disclose: encrypting numbers.

Nevertheless, encrypting numbers was well known in the art at the time of the present invention. Kelly discloses: digital numbers being encrypted depending on the secure nature of a network, (col. 16, lines 20-44).

Thus, it would have been obvious to one of ordinary skill in the art to modify the teachings of Low in order to encrypt portions of the numerical combination. This would have provided an effective and efficient means for securely validating the online number, Kelly, col. 16, lines 20-24.

15. In considering claim 6, although the disclosed method of Low shows substantial features of the claimed invention, it fails to expressly disclose: assigning dynamic addresses.

Nevertheless, assigning fixed and dynamic addresses was well known in the art at the time of the present invention. Kelly discloses: clients having fixed, and dynamic IP addresses, (col. 7, lines 39-46).

Thus, it would have been obvious to one of ordinary skill in the art to modify the teachings of Low to assign dynamic addresses to temporary on-line computers. This would have provided an effective and efficient means assigning addresses to computers when there are more computers than the amount of fixed addresses available.

16. In considering claim 7, the teachings of Low provide a means for a coding solution being capable of being used to assign an address of a mailbox, wherein the address comprises a user name digital number and a domain name of a mail server where the mailbox is located. See col. 10, lines 38-63.

Conclusion

17. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Hassan Phillips whose telephone number is (571) 272-3940. The examiner can normally be reached on M-F 8:00am-5:00pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Zarni Maung can be reached on (571) 272-3939. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

HP/
2/16/05


ZARNI MAUNG
SUPERVISORY PATENT EXAMINER